



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Mallard Lake Landfill

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Description of Site:

- The proposed Mallard Lake Landfill is a 13-acre solid waste management facility located at 3283 East 300 North in Madison County, Indiana.
- Maximum total depth of waste is approximately 44 feet, not including the six feet of final cover components.
- Projected life of the facility based on the proposed intake waste is approximately four years.
- The proposed landfill consists of a primary composite liner system (combination of three feet of compacted soil and a 60 mil HDPE geomembrane) and a leak detection system (back up system). In addition, in the sump area of the landfill, where the leachate is collected and pumped, there will be an additional liner for more protection.
- A series of perforated pipes covered with sand or gravel will be installed on the bottom of landfill to collect leachate. The collected leachate will be hauled to a licensed disposal facility for treatment.
- The final cover will be a composite liner.
- Ground water monitoring will be placed around the perimeter of the landfill to monitor the site for any ground water contamination.
- Gas monitoring will be placed around the perimeter of the landfill to monitor for any gas migration.

Permitting Process:

- The Indiana Department of Environmental Management (IDEM) is responsible for administering Indiana's solid waste regulations (329 IAC 10).
- Chemists, geologists, and engineers from IDEM's Office of Land Quality (OLQ) evaluate permit applications for compliance with the regulations.
- If IDEM requires additional information to evaluate the application, a Request for Additional Information is issued and the review clock is suspended until the requested information is submitted to IDEM.

Permit History:

- **March 22, 1984:** J.M. Corporation received a construction permit to construct the Mallard Lake Landfill on 13 acres in Madison County, Indiana.
- **December 12, 1988:** J.M. Corporation received an operating permit to operate the Mallard Lake Landfill.
- **July 2, 1998:** After multiple challenges and appeals of both the construction and operating permits, an environmental law judge (ELJ) with the Indiana Office of Environmental Adjudication determined that J.M. Corporation had a valid permit and ordered that it be

“finalized” with the Indiana Department of Environmental Management. In response to the judge’s order, IDEM asked for the applicant to provide engineering drawings showing the details for the installation of a synthetic liner (which was not required when the permit was first issued).

- **July 3, 2003:** Based on the environmental law judge’s July 2, 1998 determination that the permit was final, IDEM determined the permit would expire on July 2, 2003. IDEM informed J.M. Corporation of permit renewal requirements and the need to submit a permit renewal application no later than 120 days in advance of the permit expiration date.
- **March 4, 2003:** The applicant submitted a permit renewal application to IDEM. IDEM informed J.M. Corp. that it must finalize the facility design before the renewal permit could be issued.
- **Present:** IDEM staff are in the process of completing a review of the information provided and are evaluating the site to assure it complies with all relevant solid waste regulations and statutes.

More Information:

- For more information on solid waste and landfill permitting, visit IDEM’s Office of Land Quality Permit Web site at <http://www.in.gov/idem/4222.htm>.
- For more information on solid waste and landfill compliance, reporting, and services, visit IDEM’s Office of Land Quality Compliance Web site at <http://www.in.gov/idem/4998.htm>.
- For more information on landfill design, environmental impacts, and regulation, please reference IDEM’s fact sheet for “Solid Waste Landfills.”
- All correspondence and information relative to this solid waste facility is available for public review through the Virtual File Cabinet on IDEM’s Web site at <http://www.idem.IN.gov>.
- For landfill questions and concerns, feel free to call John Hale, Permit Manager in IDEM’s Office of Land Quality, at (317) 232-8871 or, toll free, at (800) 451-6027.
- Written comments may be sent to:

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